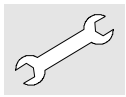

Chapter 3.8

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1 General

1.1 Hardware Requirements

cPCI-Rack:
- 200 MHz Ariel Board
- EPROM Mon 4.26
- MSB, Master-Scan-Board, Revision: 0
  with Scan IO-Board Boot EPLD, Version: 0
  and Scan IO-Board serial PROM, Version: 0
- Floppy (no SCSI)
- SCSI Hard disk

Stepper motor boards:
- GS IOB-SINSTEP (F8.9499.8100.0)
  (Firmware (Download) for it: SM5_1113.hex)
- GS IOB-5STEP (F8.9499.8120.2)
  (Firmware (Download) for it: SM5_1113.hex)

1.2 Software Requirements

This Software configuration is required for Fast Preview functionality.

Configuration	Preview and ID-Station	Processing-Device
ADC-Compact-Plus Connected to **VIPS** Connected to **Preview & ID-Stations**	> PRID1.2.09	≥ VIPS1.0.0.9

1.3 Order number

CM+9.5146.1050.2

1.4 Scope of Delivery

1 x Hard disk formatter floppy disk
2 x Portex installer floppy disks
3 x Application floppy disks
1 x Empty floppy

2 Installation

2.1 Upgrade of version ≥ ACP_1007 to ACP_1010

- Use the Application floppies ACP_1010 1/3 to 3/3
- Select
  <Service Menu>
  <Install from floppy>
  <Software>
- Follow the online instructions on the display of the digitizer.
- Reboot the system
- Refresh the backup

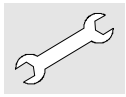
For an upgrade of a **lower version than ACP_1007** to ACP_1010 a new IP center calibration is necessary, because of changed IP stop position before start of scan. (Calibration procedure, see chapter 3.6 of your Technical Documentation)

2.2 Exchange of the Hard disk / Procedure to install ACP_1010 on a virgin Hard disk

- Take the **Hard disk Formatter floppy of ACP_1010** and insert it into the floppy disk drive of ADC Compact Plus.
- Disconnect ADC Compact Plus from the network (since a default IP-Address & hostname is configured)
- Press the Reset button on Ariel-CPU or turn power off/on of ADC Compact Plus
- Confirm partitioning/formatting of the hard disk with 'y'.
- Wait until you get the final message on a terminal connected to the service RS232 port or wait until control LED of floppy disk drive is off.

- Insert the floppy **ACP_1010 Portex Installer 2/2** into the disk drive of ADC Compact Plus
- Press the Reset on Ariel-CPU or turn Power Off/On of ADC Compact Plus
- Wait until you get the final message on a terminal connected to the service RS232 port or wait until control LED of floppy disk drive is off.

- Insert the floppy **ACP_1010 Release Disk 1/3** into the disk drive of ADC Compact Plus
- Press the Reset button on Ariel-CPU or turn power off/on of ADC Compact Plus
- Wait until you get the final message on a terminal connected to the service RS232 port, or wait until control LED of floppy disk drive is off.
- Proceed the same way with the **ACP_1010 Release Disk 2/3** and **3/3**



- Press the Reset button on Ariel-CPU or turn power off/on of ADC Compact Plus and wait until system is up

- In case of an already installed device (e.g. exchange of hard disk), restore the device specific parameters by following the guidelines of the Service Menu Topic *Install from floppy, Machine specific data.*
  Without restoring the device specific parameters, an operation is not possible.

- In case of a brand new configuration parse the CPF-File using the guidelines of the Service Menu Topic *Install from floppy, CPF-File,* displayed on the user interface.

- Reconnect ADC Compact Plus to the network.

3 What is new in ACP_1010?

- Erasure Unit lamps lifetime control algorithm.
  User information text is displayed when it is time to change erasure lamps, always after startup and every 24 hours.
- Stretched acceleration of belt drive input buffer for smoother start of cassette transport to RF-Tag read position.
- Text extension to infocounter identifier for polygon jitter.
- Start cooling of erasure unit with fan again at begin of erase cycle.
- Removed error code 22D55 with ‘COOLING DELAY‘ display. As consequence no more red blinking status display.

4 Known bugs in ACP_1010

- Under very special circumstances the info counter contents can be lost in case of switching off the device during operation
- Jitter measurement (EVA) delivers not yet the correct results.
- No indication of folders in status 'error'
- If 10 folders are in the status ‚error‘, these files have to be manually erased via Key-Operator mode before the system accepts new cassettes.
- Photomultiplier test may fail (20E0D) due to large tolerances.
- The serial numbers of parts are stored in configuration files on hard disk. These files are deleted with prepship.bat. In releases > ACP_1010 they will be stored in adjustment files.
- If during the fist start of a new Software a fatal error occurres and the file icn_1001.dat is not yet completely created, a reboot of the system is no more possible.